

### In the Abstract

Please amend the abstract to read as shown below:

An automated system and method for maximizing the profitability of the purchasing portion of enterprise supply chain management while considering risk. In particular, forecasts of the demand for a plurality of items are developed. A controlling forecast that incorporates a weight for at least one measure for each item is then developed. The controlling forecast is then used in an computerized optimization calculation to identify the set of actions that will maximize enterprise profitability. measuring the performance of elements of a business enterprise and for valuing said elements on a specified valuation date. The performance of the elements are calculated using composite variables. Predictive models are also developed for each of the components of value and their output is used to calculate a value of each of one or more elements of value under the controlling forecast then used to determine the correlation between the element performance and the enterprise cash flow. The element correlation percentages are then multiplied by capitalized value of future cash flow to calculate a value for each element. Finally, the relationship between the market value of the business and the calculated business value is optionally calculated for use in forecasting future equity prices.